BACK IN THE SADDLE

WELCOME BACK

NOW LETS THINK AND GET SAFE

CWO3 KEVIN R. ENLOW

Logistic Instructor/Unit Safety Officer
Marine Corps Artillery Detachment
Fort Sill, Oklahoma

kevin.enlow@us.army.mil

(580) 442-2491 DSN 639-2491

Semper Fi
UNITED STATES MARINES

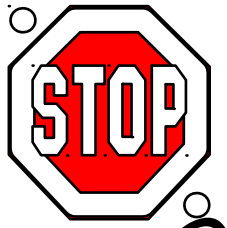
Jan 2007

BACK IN THE SADDLE

Unsafe Acts

- **After returning from a long break we need to reflect on the daily routine and events that could cause a mishap.**
- **All hands must review the slide shows, (BIT 1-6) sign an attendance roster and turn the roster into the S-3 NLT 1600 on 12 Jan 2007.**
- **All sections must get with CWO3 Enlow and arrange to view the Suicide Prevention Video before 12 Jan 2007.**
- **While going over this presentation ensure to talk with each other and bring up issues that deal with safety.**

Jan 2007



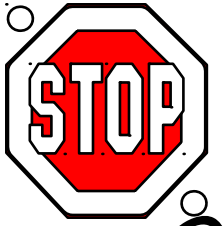
Unsafe Acts

BACK IN THE SADDLE

–

- **THINK ABOUT IT NOW SO YOU DO NOT PAY FOR IT LATER!!**
- **MAKE SURE YOU TAKE THE TIME TO REFRESH EVERYONE ON ALL THE RULES, REGULATIONS, AND PROCEDURES.**
- **TAKE BABY STEPS AND KEEP THE TEMPO AND PACE SLOW UNTIL EVERYONE IS READY.**
- **OBSERVE THE WEATHER AND MAKE THE CALL TO KEEP EVERYONE SAFE.**
- **YOU KNOW YOUR INDIVIDUAL SECTIONS, ENSURE TO FOCUS ON DIRECT ISSUES IN**

How can I assist in making my work environment more safe?

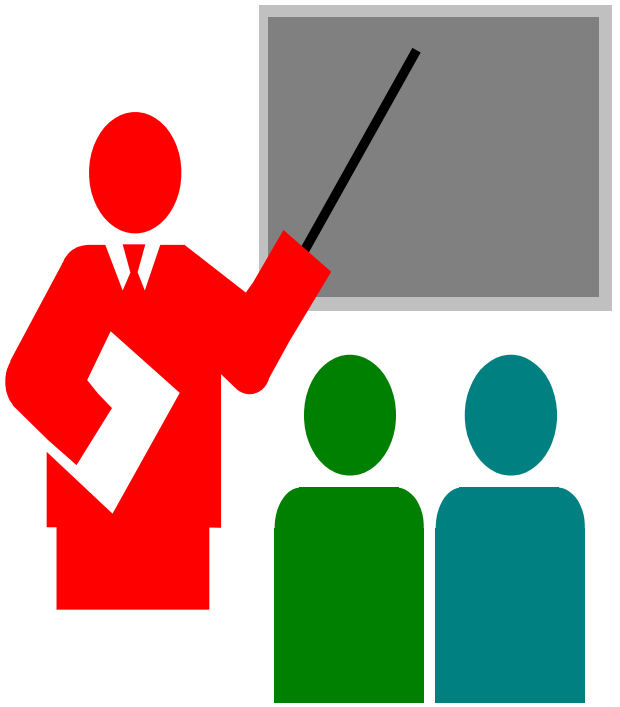


Unsafe Acts

- **Despite good intentions, many professionals get hurt on the job. To understand why, we need only to draw a parallel with PMV accidents.**
- **PMV have never been safer or more reliable. These enhanced safety improvements have helped to reduce or prevent accidents. Nonetheless, motorists still crash and get hurt at an alarming rate. My question is why?**
- **Manage Risk (ORM). Personal safety is a combination of understanding, managed risk, common sense, and, YOUR frame of mind.**
- **Broaden knowledge THROUGH safety training**.

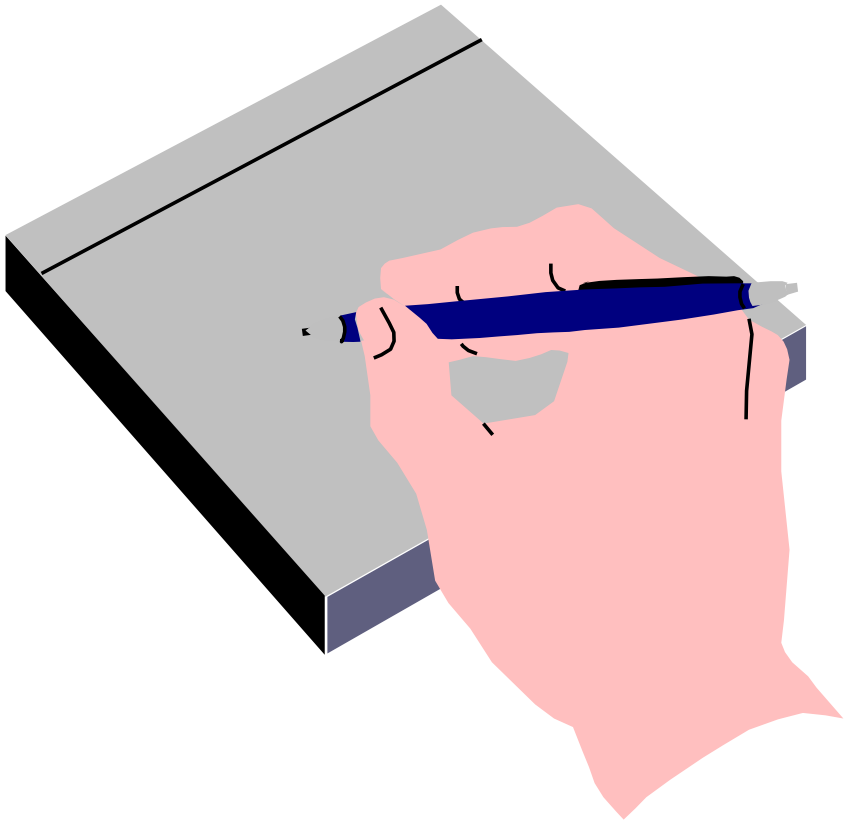
MOST FREQUENT VIOLATIONS THAT LEAD TO MISHAPS

- Electrical :
  Receptacles
  Circuit breaker box
  Extension Cords (Gang Boxes)
  Energy Control (Lockout/Tagout)
- Emergency Lighting Inoperable
- Exits locked/Not Marked
- Eye wash Stations in need of servicing
- HAZMAT (Improper storage, MSDS)
- Hilti Gun violations
- Housekeeping (Slips, Trips, Falls)



MOST FREQUENT VIOLATIONS THAT LEAD TO MISHAPS

- Ladders
- Machine Guarding
- Pesticide Spraying
- PPE
- Respirator Program
- Split Rim Servicing
- Training
- Warning Signs
- Weight Load Testing
- Welding Cables



What is Risk Management?

- A **decision making tool**, that can be used by everyone, to increase personal awareness by **anticipating hazards & reducing** the potential of injury or death, thereby increasing the probability of a long life.

The ORM Process!

Operation Risk Management Process

1. Identify Hazards
2. Assess Hazards
3. Make Risk Decisions
4. Implement Controls
5. Supervise

Potential Hazard Alerts

- **The identification of hazards before a mishap occurs can be accomplished in a number of ways such as:**
  - **Analysis of mishap data.**
  - **Observation and investigation of near mishaps.**
  - **Reports of unsafe acts or hazards by personnel**
  - **Safety inspection.**
  - **Review of standard operating procedures (SOPs) and operations.**

Mishap Reporting & Recording

- **All mishaps that require medical treatment beyond first aid are recordable.**
  - **Exception of Non-Reportable Mishaps as described in paragraph 2005 of MCO P5102.1A.**
- **Mishaps requiring a Safety Investigation Board (SIB).**
  - **Class A & B while performing official duty.**
  - **USMC op involving explosives resulting in injury or class D property damage.**
  - **On duty mishap requiring inpatient hospitalization.**

THIS MEANS THAT IF YOU HAVE ANY TYPE OF MISHAP THAT REQUIRES FIRST AID BY THE HOSPITAL THAT YOU MUST REPORT IT TO THE SAFETY OFFICER!

Let’s shift to some wellness issues.

To create safe workplaces, more companies are emphasizing the overall wellness of workers. These organizations realize that an individual's mental and physical health is a top priority.

Wellness Issues.

Companies now provide opportunities for their employees to elevate personal-fitness levels by offering different workplace programs (i.e. fitness memberships, competitive sports, meditation and healthier and lighter cuisines in the cafeteria).

Wellness Issues.

Programs that deal with increasing mental health issues are also gaining acceptance in the corporate world (i.e. workplace daycare facilities, personal counseling, education and general-training programs). Company wellness committees are becoming as prevalent as health and safety committees.

Unsafe Acts

SLIPS, TRIPS, AND FALLS

These type mishaps are the Marine Detachments number one mishap problem.

All slips, trips, and falls can be eliminated by just utilizing a few factors and identifying the risk. By simply taking time to adjust to circumstances you can eliminate these mishaps. Here are a few things to consider:

1) New Marine not familiar with procedures.
2) Weather
3) Slowing the pace and working from a crawl to a run.
4) Getting everyone to think about what they are doing, focusing on the unsafe conditions, and adjusting to them.
5) Inform everyone and continue to remind and supervise them.

Unsafe Acts

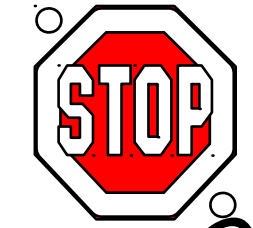
THINKING SAFE

Safety, it almost seems like a four letter word to some people.
When this word is mentioned to people you can see them cringe.

This is one of our problems, we need to revamp how we look at and think of safety.

In the Marine Corps eyes safety is nothing more than keeping the Corps ready. It is looked at as a readiness multiplier. The less mishaps we have the more people we have to work. Simple.

In our case, we as individual Marines are tasked with spotting the risk that could cause a mishap.



Unsafe Acts

THINKING SAFE

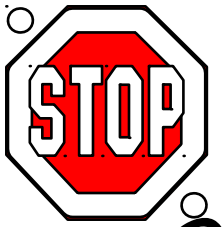
If we think safe, we can be safe, and there for we can Live safe.

When it is all said and done it comes down to this:

Take the time to apply ORM (Safety) to everything you are doing. Both at work or at home. One loss is too many.
Take the time to inform and remind everyone of dangers.
Take the time to supervise.

TAKE THE TIME!!!

How is my current way of thinking affecting my individual behavior towards driving?



Unsafe Acts

- **How about road-rage? What is it anyway?**

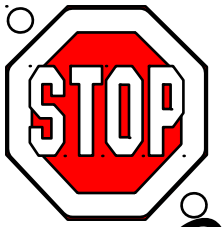
✓**Emotional challenges that are common for expressing hostility and aggressiveness on highways and streets**

- **Main Reason for road-rage…*Immobility, Restriction, and Regulation***

- **How about peer pressure?**

✓ **Thoughts…should I go?, I should go. Will I run the light? I should go. They expect me to go. If I don't go they'll think I'm a wimp. I hate that. I have to go, oh wow, I'm going**

How is my current way of thinking affecting my individual behavior towards driving?



Unsafe Acts

Driver Personality Makeover

✓**Work on your feelings -- say this to yourself: I acknowledge that I'm currently out of control at the wheel**

✓**Work on your thoughts -- say this to yourself: I see myself being out of control at the wheel**

✓**Finally, work on your actions -- say this to yourself: I choose to modify myself one step at a time**

How do PMV accidents continue to be a problem throughout the country?

Unsafe Acts

Results of accidents…

- **About 115 people die each day from traffic crashes in the U.S.**
- **Nearly 42,000 people die every year from traffic crashes**
- **Four million people are sent to emergency rooms and of those, 400,000 will live with permanent disabilities**

Tactical Vehicle Safety

SOURCES OF HUMAN ERROR

- INDIVIDUAL
- TRAINING
- LEADER
- STANDARDS
- SUPPORT

INDIVIDUAL

Lack of self-discipline:

- **SPEEDING**
- **BACKING W/O A GROUND GUIDE**
- **FOLLOWING TOO CLOSELY**
- **INATTENTION**

TRAINING

Training is insufficient, incorrect, or no training is given for the task.

- **DRIVING TOO FAST FOR CONDITIONS**
- **BACKING W/O A GROUND-GUIDE**
- **FOLLOWING TOO CLOSLY**
- **MISJUDGING CLEARANCES**

LEADER

Leader does not enforce known* standards, *or improperly supervises.

- **INADEQUATE DRIVER TRAINING**
- **INADEQUATE PROCEDURES**
- **LACK OF CORRECTIVE ACTION**

STANDARDS

Standard or procedure is not clear, practical, or non-existent.

- **MATERIAL FAILURE**
- **WRONG ACTION/PROCEDURE**
- **DRIVING HAZARDS**

SUPPORT

Inadequate facilities, services, or equipment

- **INADEQUATE MECHANIC TRAINING**
- **DRIVING HAZARDS**
- **MATERIAL FAILURE**
- **MISUSE OF TOOLS/EQUIPMENT**

SAFE DRIVING OPERATION

- No driving for more than 10 continuous hours.
  - Not to exceed 15 hrs in 24 hr period without 8 consecutive hrs of rest. (MCO 5100.19E)
- Headphones or earphones are prohibited.
- Drivers will not eat, drink, or smoke while vehicle is in motion.

PMCS

Preventative Maintenance Checks, and Service

- To ID :
  - Any condition likely to cause injury or component failure.
  - Unsafe transport of personnel/material
- Operators responsible for notifying problems to the supervisor **PRIOR TO DISPACH!**

SAFETY PP&E

ALL HANDS

- Seat Belts.
- Kevlar Helmets
- 2nd chance vest (AKA Flak Jacket).
- Eye protection (no windshield, or windshield down).

SAFETY EQUIPMENT

- Low beam lights on public highways.
- Chock blocks equipped & used incline or maintenance.
- Highway warning kits & SOPs.
- Trailers
  - Safety chains
  - Inspect brake lights and turn signals

GROUND GUIDES

- Driver will not back vehicle without a ground guide.
- Ground guides will check clearance & giving warning.
- Keep Ground Guides In View At All Times.

MOVEMENTS IN ASSEMBLY AREAS

- Crew member will walk around vehicle to ensure no one is in danger.
- Ground guide to front & rear
  - Visible to each other & driver.
- Wheel vehicles require 2 ground guides when backing with vision restricted

TACTICAL VEHICLE OPERATIONS

- Safety Procedures in SOP's for training
- Commanders will apply safety standards to include:
  - Speed limits
  - Passengers transport standards
  - Vehicle maintenance
- Deviations be authorized by the unit commander **in training only**!!

RESPONSIBILITIES

OPERATOR

- Operate vehicles in a safe manner.
- Report unsafe operating conditions.
- Wear installed restraint systems.
- Insure cargo is properly loaded, secured and protected.

RESPONSIBILITIES

SENIOR OCCUPANT

- Overall responsibility for safety of the occupants.
- Assist driver in recognizing unsafe traffic situations.
- Will not permit a driver who appears fatigued, physically, mentally or emotionally impaired to operate the vehicle.

TRAFFIC
SAFETY

LAWTON TRAFFIC

Topics

- USAFACFS Sup 1 to AR 190-5
- Motorcycle Helmets
- Seat Belts and Car Seats

Topics (Cont.)

- Problem or dangerous driving areas
- State laws and Post instructions to help you adjust to your new environment

Topics (Cont.)

- Areas of interest on Fort Sill and downtown Lawton Oklahoma

- Other subjects covered are:
  - Gates
  - Speed limits
  - Seat belts
  - Motorcycles
  - Jogging
  - Distracted driving
  - Weather…

Entry Gates

- Have Your ID Ready
- Dusk/Darkness, Parking Lights
- Follow the Guards Direction
- Follow the Posted Speed Limit

- 5 mph -

ALL ROADS (including range roads)

PARKING LOTS AND ALLEYS

FAMILY HOUSING AREAS & SCHOOL ZONES

(DURING SCHOOL HOURS)

10 MPH
WHEN PASSING TROOPS

Seat Belts Save Lives

Buckle Up

On and Off Post

It's The Law

Is This Child Safe?

Child Safety Seats

Install IAW the Manufacture's Instruction Guide

Motorcycle Safety

EXPERIENCED

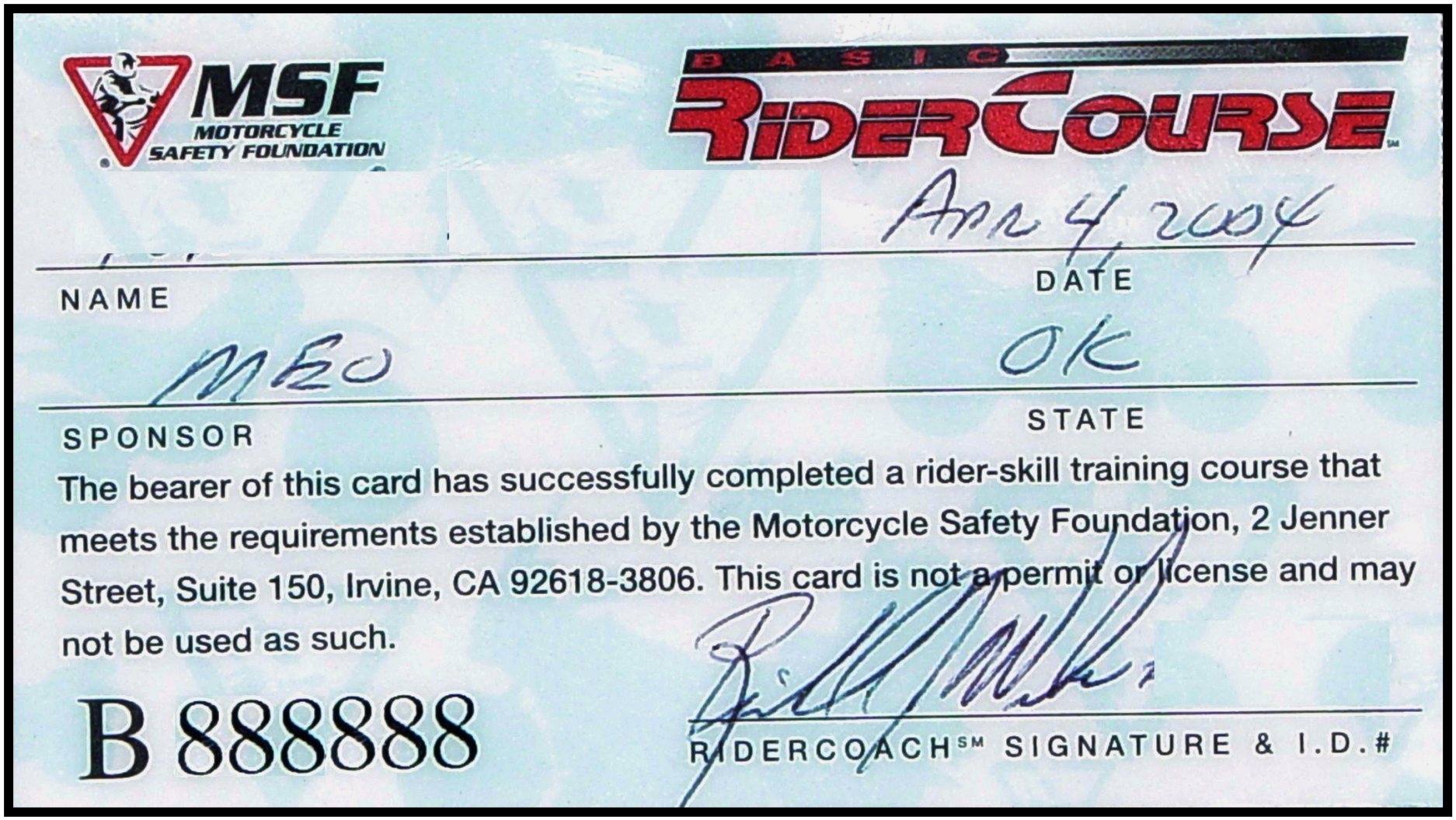
RiderCourse®

MSF

MOTORCYCLE SAFETY FOUNDATION®

MERC COURSE

MERC CARD



MSF MOTORCYCLE SAFETY FOUNDATION

BASIC RIDERCOURSE™

Apr 4 2004

NAME

DATE

MEO

OK

SPONSOR

STATE

The bearer of this card has successfully completed a rider-skill training course that meets the requirements established by the Motorcycle Safety Foundation, 2 Jenner Street, Suite 150, Irvine, CA 92618-3806. This card is not a permit or license and may not be used as such.

B 888888

RIDERCOACH℠ SIGNATURE & I.D.#

GEAR UP!!!

Be Visible--Be Seen

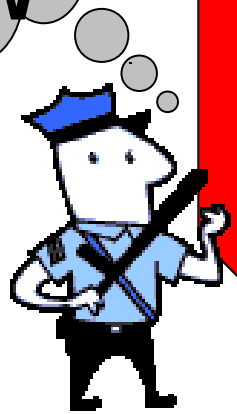
1. Reflective vest or clothing
2. Over the ankle sturdy footwear
3. Full finger gloves
4. Long sleeve shirt or jacket
5. Long pants
6. Dot approved helmet with face shield or impact resistant goggles

School Bus Red Lights Flashing

Mean

Stop

IT'S THE LAW



Remain Stopped Until

Lights Stop Flashing or

You Are Signaled to Go

PT Formations and Running

Budweiser
DEVIL DOG RUN
START/FINISH
10 k
5 k
ARMY
519
547

POVs and PT

Approaching from rear of formation:

- Wait until signaled to pass
- MAX speed is 10 mph until passed formation

Approaching from front of formation:

- No waiting for signal
- MAX speed 10 Mph until passed formation

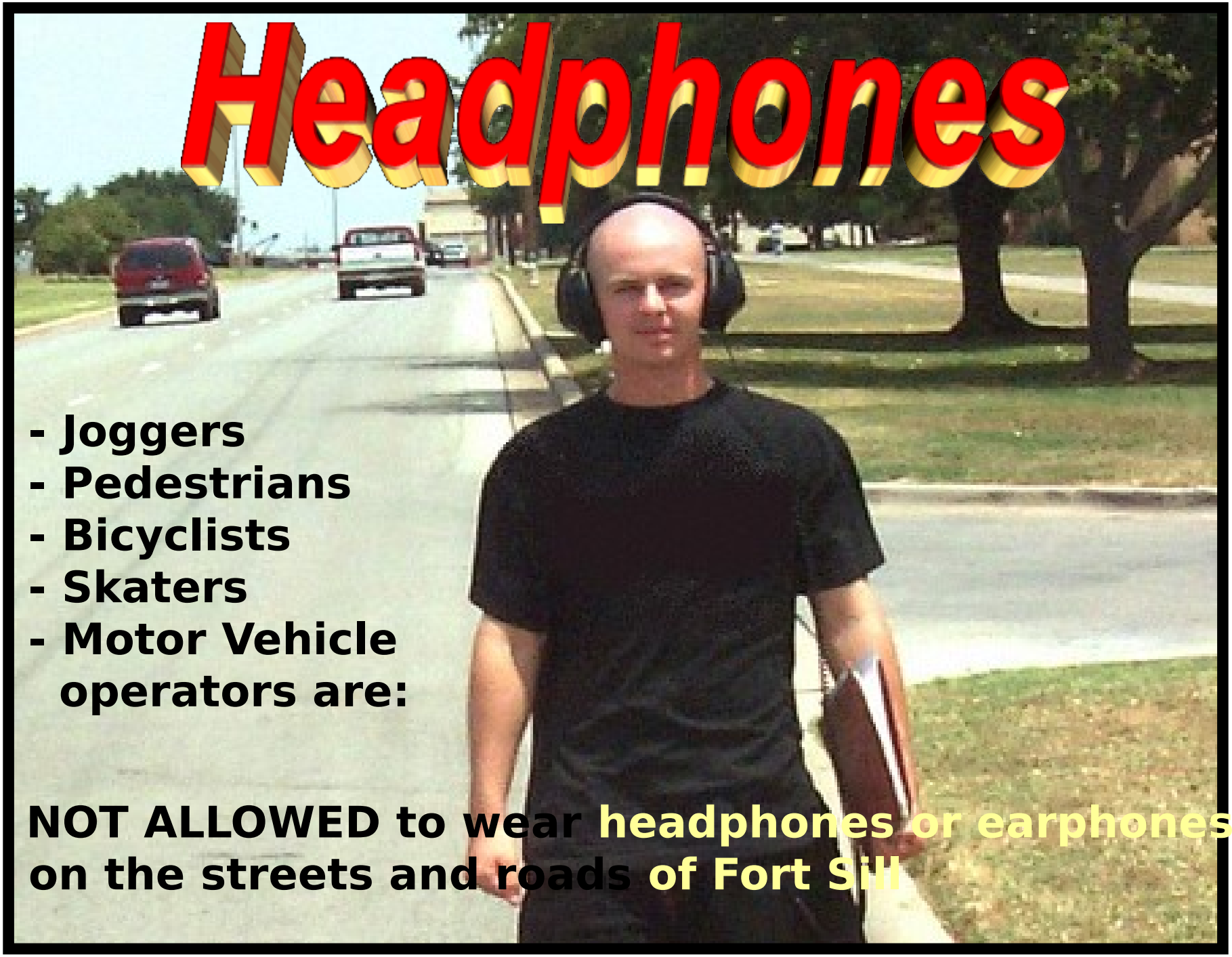
Guidance

How?

When?

Where?

USAFACFS Sup 1 to AR 190-5


Headphones
- Joggers
- Pedestrians
- Bicyclists
- Skaters
- Motor Vehicle operators are:
NOT ALLOWED to wear headphones or earphones on the streets and roads of Fort Sill

JOGGING TRAIL

JOGGING TRACK

Problem or Dangerous Driving Areas

Fort Sill Blvd and Hopkins

Fort Sill Blvd and Sheridan Blvd

Various Locations on Fort Sill

Fort Sill Blvd and Smith Road

Sheridan Blvd and Cache

Sheridan Blvd and Gore Ave

Sheridan Blvd and Lee Blvd

38th Street and Gore Blvd

38th Street and Cache Road

38th Street and Rodgers Lane

Wichita Mountains

Buffalos are NOT TAME.
They are DANGEROUS!

Stay in Your Vehicle

Distracted Driving

is THIS

or THIS

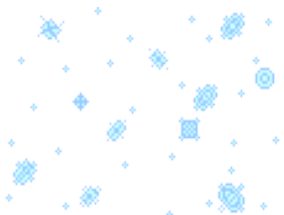
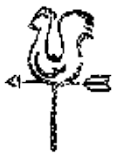
or THIS

worth THIS?

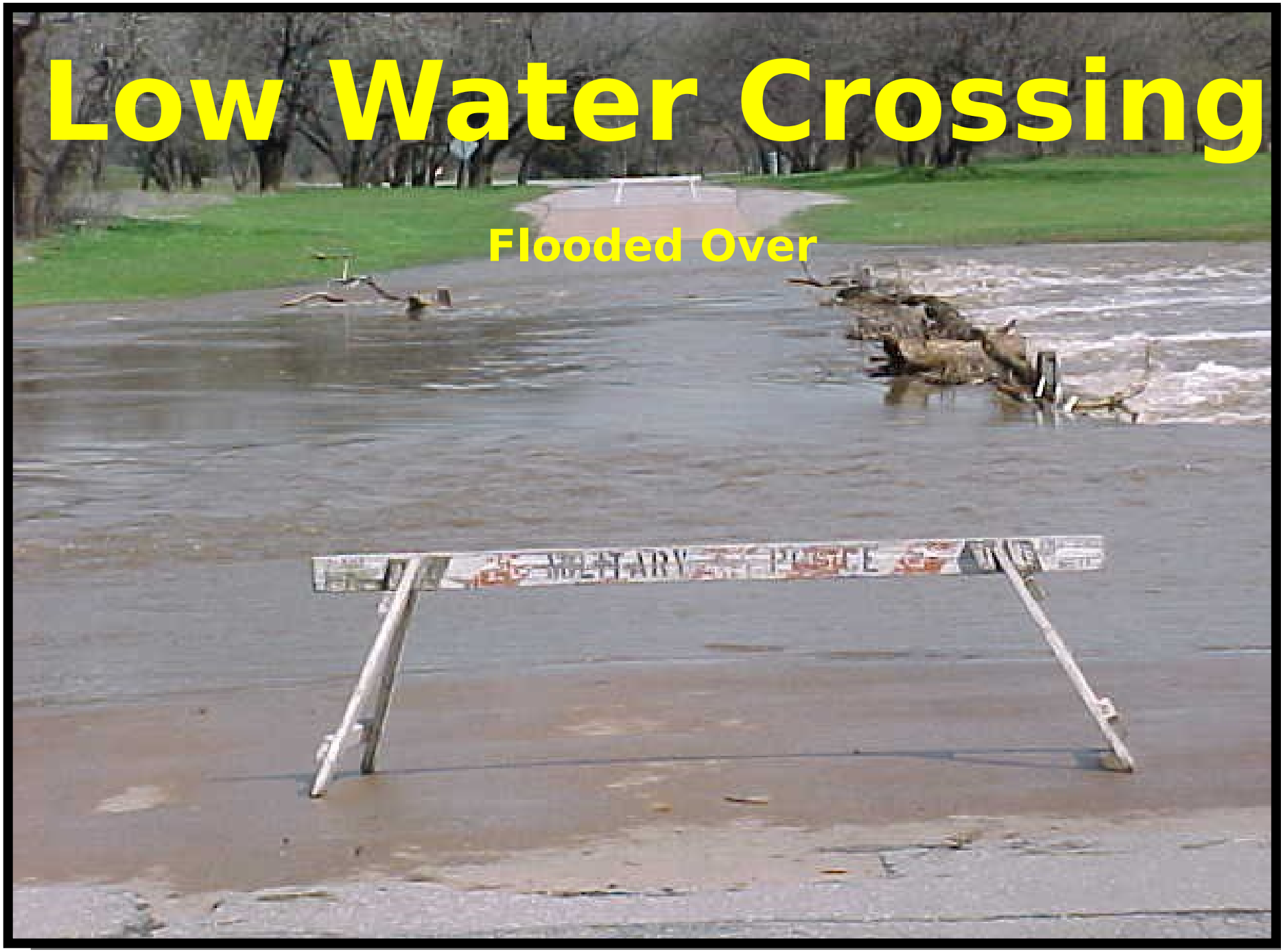
Oklahoma Weather

Oklahoma Weather, can and often does, contribute to hazardous driving conditions and/or life threatening situations

- Sleet
- Ice
- Snow
- Wind
- Rain
- Heat
- Tornados

THIS IS
REALLY
DUMB!!!


Low Water Crossing
Flooded Over

Winter Driving Conditions

Street Sweeper

Brushes On

Brushes Off

STAY BACK
50 FEET

HQ USAFATC B 6017

ROAD CONDITIONS
CLOSED
DRIVE CAREFULLY

WINTER

- *Adjust to Conditions*
- *Beware of Bridges*
  (They Freeze over first)
- *Hills and Grades*
- *Following Distance*

Defensive Driving Techniques

- Drive at reduced speeds for quicker stopping.
- Give turn signals sooner than usual. This gives other drivers more time to react.
- Pump your brakes to warn of your intention to stop.
- Maintain at least triple the normal distance from the vehicle ahead.

Operating on Snow and Ice

Drive in second or third gear rather than first or low.

- **Engage the clutch gradually (or in d2; or high, with automatic transmission),**
- **Accelerate no more than necessary to keep from stalling.**

Avoid Quick Acceleration On Slick Roads.

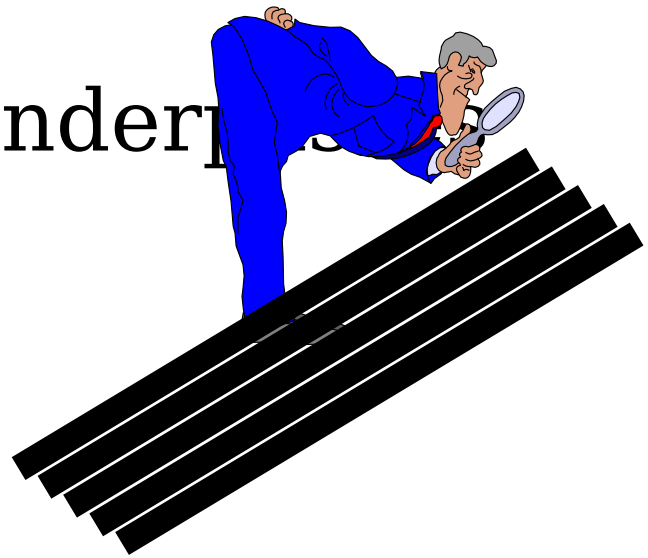
It Will Cause You To Skid

Black Ice

Dangerous…Because You Can't See It!

COMMON AREAS YOU FIND IT =

1. Bridges/Overpasses/Underpasses
2. Shaded Areas



Black Ice

Reaction

- **Do Not Panic!**
- **Make No Sudden Changes In Speed/Direction!**
- **Ease Off Accelerator!**
- **Steer In Direction That The Rear Of The Vehicle Is Skidding!**

Hills And Grades

When approaching a hill or upgrade/downgrade, remember to do the following:

1. Select the proper gear before approaching, usually a lower gear.
2. Use the same gear going down that you used going up. This will allow the engine to act as a brake, so you will not have to use your brake excessively.

*** On steep or very slippery grades, use at least one gear lower, and**

Skids

Result From Unexpected Forces

1. Black Ice
2. Driving to fast for conditions
3. Sudden steering corrections or braking
4. Sudden accelerations

Skids (con't)

If your vehicle begins to skid, take the following actions:

1. Front end skids - Release the brake and let the front wheels roll freely to regain traction and steering control.

2. Rear end skids - Take foot off of accelerator and turn wheels in the direction that the rear of the vehicle is skidding, and pump brakes lightly.

For Safe Winter Driving

Brake System

To Make an Emergency Stop

On a Slippery Road With...

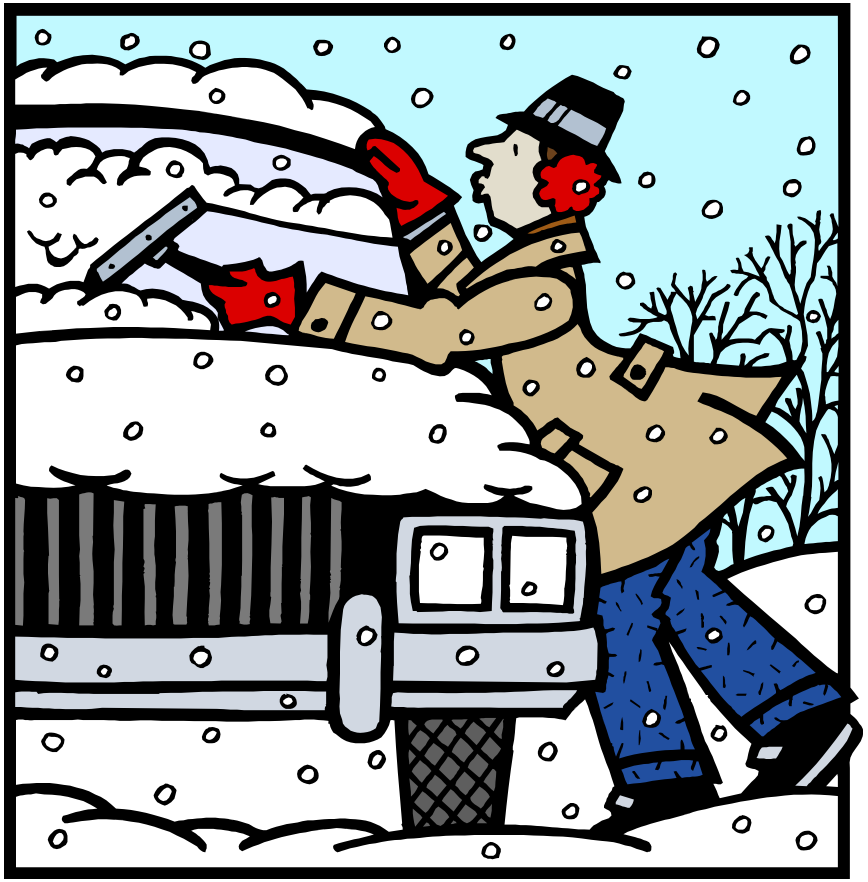
Regular Brakes

Pump the Brake Pedal.

Antilock Brakes (ABS)

Press down and hold. The ABS will pump for

And Last…But Not Least…



Make Sure Your Car is In Good Repair

With Unimpaired Vision!

Fog--Norm—L/Haze

Fog--Norm—M/Haze

Fog–Reduced Visibility

Fog-Heavy

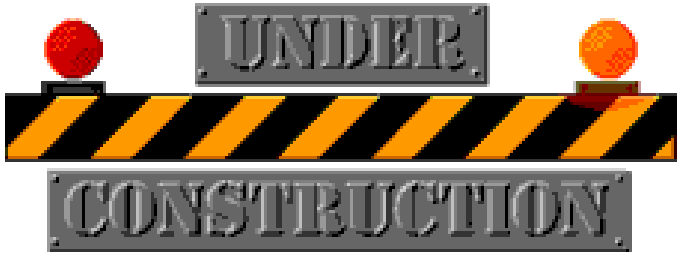
Fog–Very Heavy

Road Construction

and

Maintenance

Traffic Fines Double in Construction Zones



Slow Down

Observe and Obey Traffic Signs and Road Guards.

Obey Signs

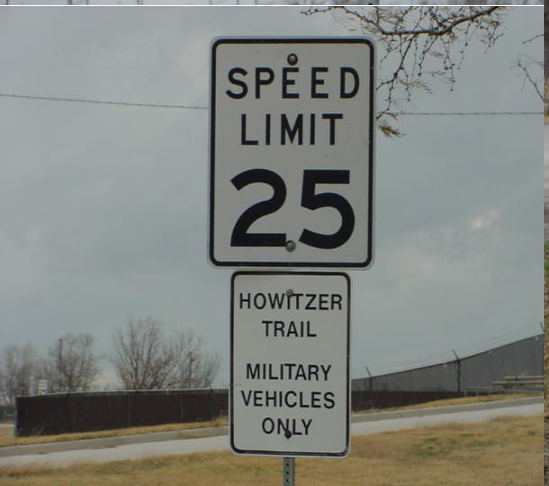
DANGEROUS
INTERSECTION

HOWITZER
CROSSING

R
R

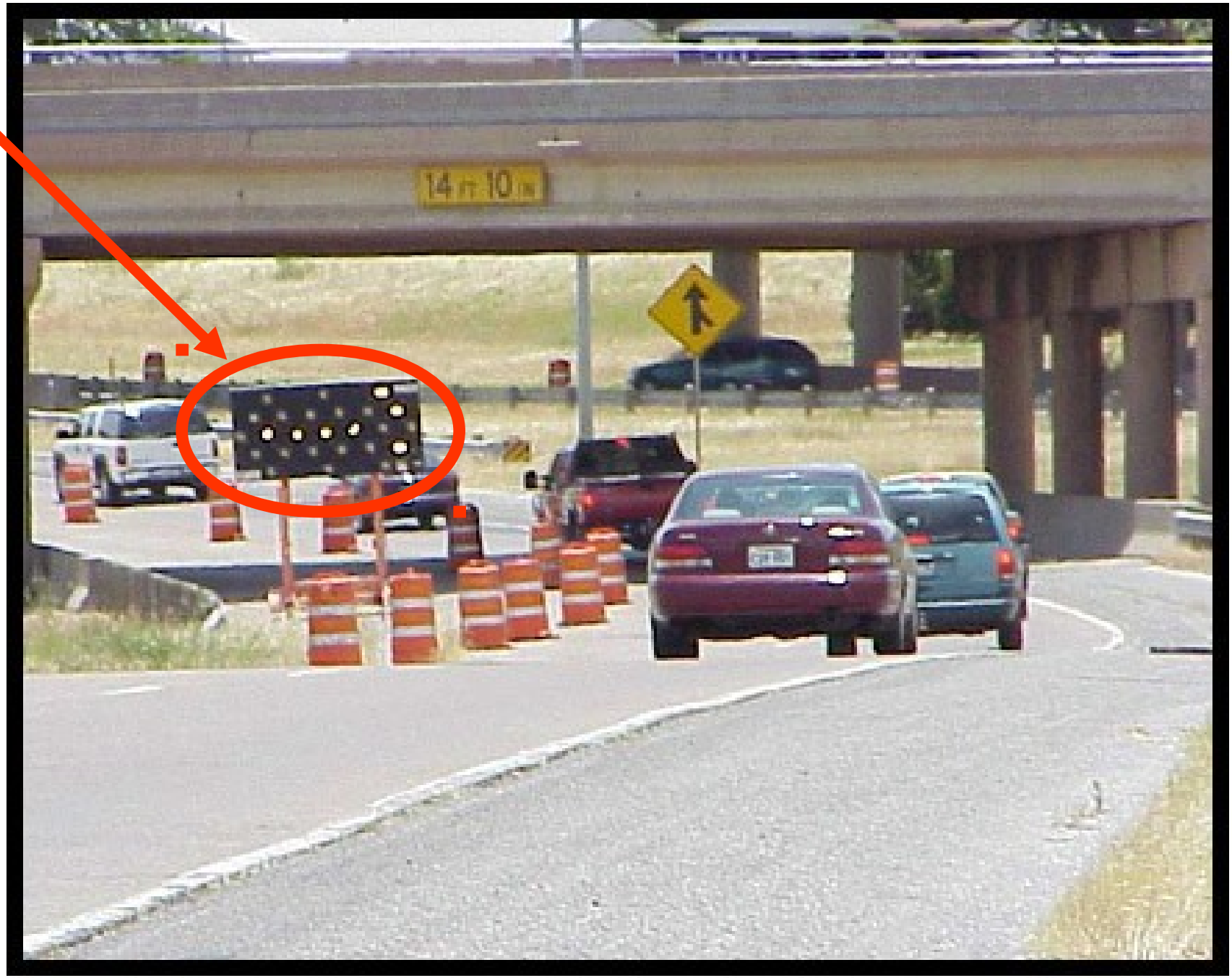
RAIL
ROAD
CROSSING

DO NOT
ENTER


SPEED
LIMIT
25
HOWITZER
TRAIL
MILITARY
VEHICLES
ONLY

DANGER
ARTILLERY MAY BE
FIRED OVER ROADS
IN THIS AREA

SPEED
LIMIT
45
25
MON-FRI
0530-0730


14 ft 10 in

NO LEFT
TURN
MON - FRI
0600 - 0730
1130 - 1300
1530 - 1700

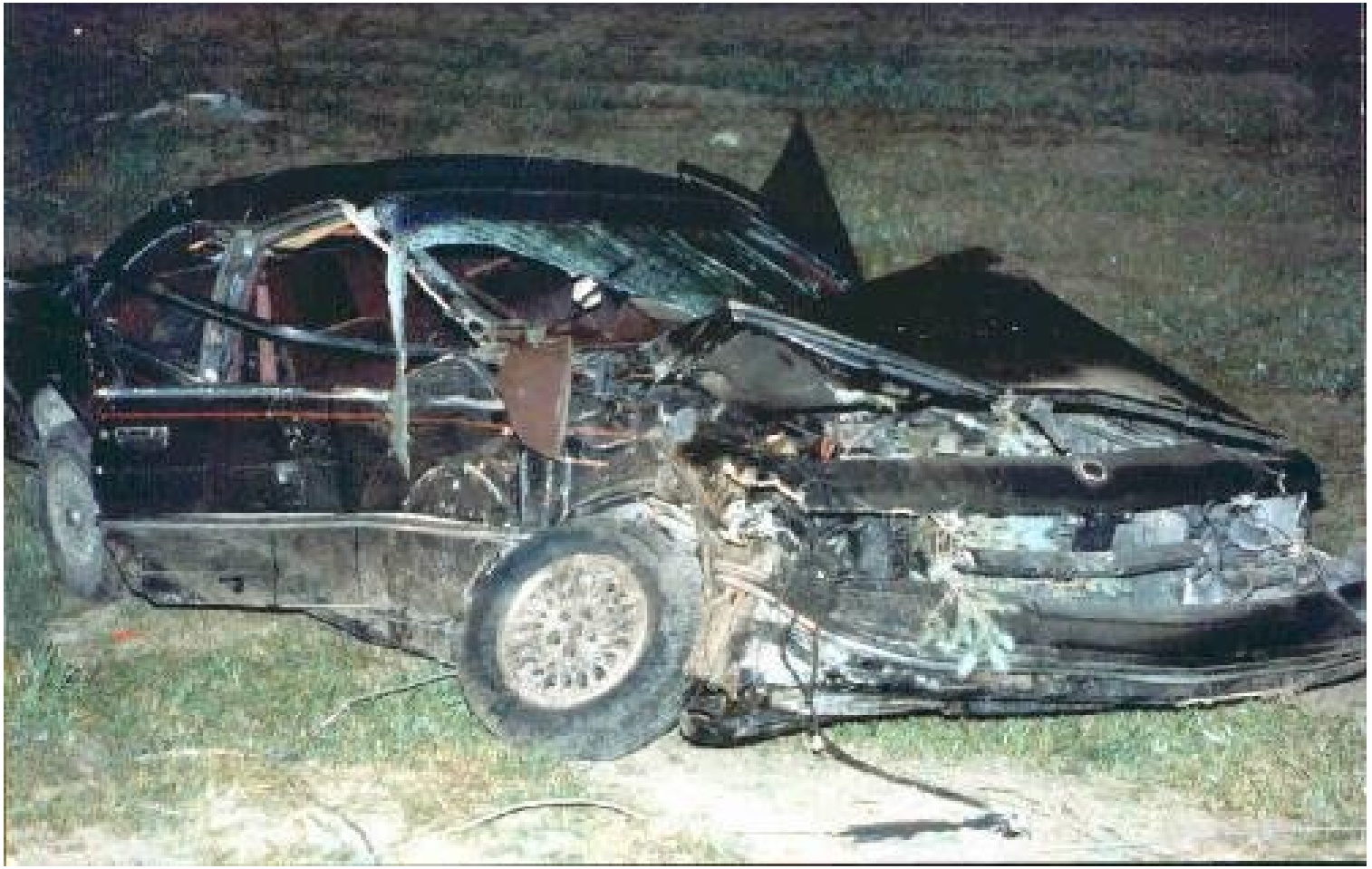
Right Turn on RED

MARDET
Fort Sill, OK

Ever wonder why DUI or DWI is illegal?

Alcohol related crashes are the # 1 cause of deaths among Americans between 18 & 30

If you have been drinking, call a friend, supervisor, 1st Sergeant or Commander for a ride home



If at a home party,

ask to spend the night

Take a taxi instead

Say “No” to alcohol when you know you will need to drive

Don’t give in to peer pressure

Only TIME will sober you up

Stay alert when driving at dangerous times

Notify police of any suspicious drivers

Use a designated driver, or one will be appointed to you

DON’T DRINK AND DRIVE

KEEP IT SAFE

Think about everything that you are doing. Make sure that you reinforce all of the current safety measures.

Adjust safety to meet new requirements.

Constantly train, supervise and enforce all things related to safety.

WELCOME BACK

- **Thank you for having a safe holiday season.**
- **Keep up the good work and lets make this year mishap free!!**

Thank-You

THINK SAFE, BE SAFE, LIVE SAFE!!